



CITY OF CONCORD
CONCORD, NORTH CAROLINA

FOR

**ONE (1) AERIAL TRUCK
(OFFERING UP TO 43' WORKING HEIGHT)**

FOR

ELECTRIC DEPARTMENT

ANNOUNCED DATE: TUESDAY, JULY 26, 2011

DUE DATE: WEDNESDAY, AUGUST 17, 2011

TIME: 2:00 PM
IN CONFERENCE ROOM C
ALFRED M. BROWN OPERATIONS CENTER
850 WARREN C. COLEMAN BOULEVARD
P.O. BOX 308
CONCORD, NC 28025

REQUEST FOR BID

The City of Concord will receive sealed bids, on Wednesday, August 17, 2011 at 2:00 PM, in Conference Room C, Alfred M. Brown Operations Center, 850 Warren C. Coleman Boulevard, Concord, North Carolina 28025. Said proposals will be publicly opened and read for:

ONE (1) AERIAL TRUCK (OFFERING UP TO 43' WORKING HEIGHT)

Copies of the specifications if not included in the bid can be obtained by contacting the Purchasing Department, Alfred M. Brown Operations Center, 850 Warren C. Coleman Blvd., P.O. Box 308, Concord, N.C. 28025. Telephone #704-920-5441, Fax # 704-785-8856.

NC General Statutes, including G.S. §143-129, and the city of Concord, NC General Specifications and Instructions to bidders will govern the RFB and award of the contract.

The City of Concord reserves the right to reject any or all bids.

Sid Talbert
Purchasing Manager
City of Concord, N.C.

In accordance with state law (G.S. 143.129), the award shall be made to the lowest responsible, responsive bidder, taking into consideration quality, performance, the time specified in the bid. Prices should be quoted for each line as well as a price for the total award.

Each bid must be submitted in a sealed envelope, so marked as to indicate its contents when being opened. **All bids should be marked BID #2201 ONE (1) AERIAL TRUCK (OFFERING UP TO 43' WORKING HEIGHT)**

An authorized official of the firm must sign the bid.

The vendor will be required to submit a written request for payment. Payment will depend on projected delivery date stated in the bid for items and certified acceptable by Mr. Daniel Nuckolls – Fleet Services Director, for City of Concord, P.O. Box 308, Concord, North Carolina 28025. Telephone (704)920-5431. Questions concerning bid requirements or specifications should be directed to the Purchasing Manager, Alfred M. Brown Operations Center, 850 Warren C. Coleman Boulevard, P.O. Box 308, Concord, NC 28025. Any changes in specifications will be in writing in form of an addendum and furnished to all bidders. Verbal information obtained otherwise will not be considered in the awarding of bids. No changes to specifications will be permitted within (5) days to the bid opening.

Instructions for preparation and submission of a bid/proposal are contained in the attached packet. Please note that specific forms for submission may be required. Any changes to the conditions and specifications must be in the form of a written addendum to be valid; therefore, the Purchasing Department will issue a written addendum to document on all approved changes. Any bid submitted which does not acknowledge the receipt of an issued addendum will not be considered. Bidders should have no contact with elected officials or appointed officials except the Purchasing Manager during the bidding process. Any such contact will subject bidders to immediate disqualification. Questions regarding specifications should be directed to the Purchasing Manager. A bid proposal from your firm will be appreciated.

Bid Proposal

City of Concord
P.O. Box 308
Concord, North Carolina

Gentlemen/Ladies:

The undersigned, as bidder, hereby declares the proposal is made without connection with any other person, company, or parties making a similar bid or proposal, and that it is in all respects fair and in good faith without collusion or fraud. The Bidder has carefully examined the annexed form of the specifications and instructions to the bidder and hereby declares that he will furnish the material called for in a manner prescribed in the specifications and instructions to bidders for the following prices listed.

PRICE _____

DELIVERY DATE _____

COMPANY NAME _____

AUTHORIZED SIGNATURE _____

TYPE NAME AND TITLE _____

FEDERAL ID # _____

NC CONTRACTORS LICENSE # _____

TELEPHONE # _____

Note:

This signature page must be signed for your bid to be valid.

GENERAL SPECIFICATIONS & INSTRUCTIONS TO BIDDERS

Scope

It is the intent of this bid invitation to obtain proposals for supplying the materials, supplies and/or equipment listed on the Proposal Sheet. You are requested to submit your bid on the enclosed Proposal Sheet and return the entire sealed package to Sid Talbert, Purchasing Manager, City of Concord (hereinafter "City"), PO Box 308, Concord, NC 28026-0308 no later than the time specified in the bid advertisement. Bidders will be required to comply with all applicable statutes, regulations, and local ordinances, ect. And those attached to and made a part of the proposal.

Marking of Bid Envelopes

Bids must be contained in a sealed envelope, plainly marked, showing the bid name, bid number, date, time for opening bids and the bidder's name.

Late Bids Not Considered

Bids received after the stipulated bid opening date and time will not be considered.

Compliance With Specifications

Your bid must be in strict compliance with the specifications and offer the same or equal equipment. Exceptions are to be listed separately in a letter that will become a part of your proposal; otherwise, it is fully understood that the equipment offered is exactly as specified. The City reserves the right to allow or disallow minor deviations from the specifications in order to purchase what is best for the City from a standpoint of quality, price and service to be rendered.

Standard Equipment

To protect the interest of the City, the bidder guarantees that the equipment bid is standard equipment with parts regularly used for equipment offered. There must be no parts or attachments substituted or applied contrary to the manufacturer's recommendations and standards unless expressly called for in the specifications.

Warranty

In submitting a bid, the bidder warrants that all goods furnished shall be free from all defects and shall conform in all respects to the Technical Specifications established herein. Unless otherwise specified, all items shall be guaranteed for a minimum of one (1) year against defects in material and workmanship. At any time during that period, if a defect should occur in any item, that item shall be repaired or replaced by the seller at no cost to the buyer except where it can be shown that the defect was caused by misuse. The bidder expressly warrants that all items bid are fit and sufficient for their intended purpose. If the specifications contain a statement of the particular

City of Concord North Carolina General Specifications and Instructions to Bidders.

purpose for which the goods will be used, the goods offered by bidder shall be fit for this purpose.

Shipping

All prices are to be quoted f.o.b. Concord N.C. delivered unless otherwise specified. Risk of loss and/or damage shall be upon the seller until such time as the goods have been physically delivered and accepted by the buyer.

Unit Prices to Prevail

Prices shall be submitted on per unit basis by line item. In the event of a disparity between the unit price and the extended price, the unit price shall prevail.

Bid Price Corrections

All prices and notations shall be written in ink or typed. Changes or corrections made on the bid form must be initialed by the individual signing the bid. No corrections will be permitted once bids have been opened.

Withdrawal of Bids

Bids may be withdrawn at any time prior to the time specified for the bid opening upon written or personal request of the bidder. No bid may be withdrawn for a period of sixty (60) days after the scheduled bid opening time and date. Negligence on the part of the bidder shall not constitute a right to withdraw the bid subsequent to such bid opening.

Use of Brand Names and References

Unless otherwise stated, the use of manufacturer's names and product numbers are for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish; otherwise it is fully understood that they shall furnish all items as stated.

Alternate Bids

Bid submitted as alternate which do not meet or exceed the minimum specifications shall be rejected except that minor deviations may be acceptable. The City shall be the sole judge of what is considered a minor deviation.

Time For Delivery

The time for delivery must be stated in calendar days on the Proposal Sheet and may be a factor in making awards, price notwithstanding.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Rejection of Bids

The City reserves the right to reject any and all bids.

Bonds

A 5% bid bond is waived for the purchases of apparatus; supplies, materials or equipment as stated in the cover section. A 100% performance bond is also waived.

Award

Award shall be made to the lowest responsible bidder, taking into consideration quality, performance and time specified in the proposal for the performance of the contract. Time of delivery and prompt payment discounts will be considered in breaking tie bids.

Brochures and Literature

The proposal must be accompanied by descriptive literature marked, indicating the exact item(s) bid upon. The term "as specified" will not be acceptable.

Addendums

The City shall not be responsible for any oral instructions made by its employees or officers of the City with regard to bidding instructions, drawings, specifications or contract documents. Any changes to the specifications will be in the form of an Addendum, which will be mailed to all bidders who are listed with the Purchasing Department as having received the invitation or any other bidder who requests an Addendum.

Responsibility of Compliance With Legal Requirements

The bidder's products, service and facilities shall be in full compliance with any and all applicable state, federal, local, environmental and safety laws, regulations, ordinances and standards, or any standard adopted by nationally recognized testing facilities regardless of whether or not they are referred to in the invitation.

Taxes

The City of Concord is subject to 6.75% N.C. Sales & Use tax. Tax will not be shown on the proposal; however, invoices will indicate all applicable sales tax. The city is exempt from Federal Excise Tax and will provide a Federal Exemption number.

Terms and Conditions

Payment will be made by the City in full for all equipment delivered as soon after complete delivery and receipt of a correct invoice as can be processed in accordance with these specifications.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Any company submitting a "No Bid" response to a bid invitation should clearly mark the outside of the envelope.

Terms and Conditions attached to the bid by the bidder and made a condition of purchase may render the bid non-responsive and may be rejected by the City.

Terms and Conditions included herein are an integral part of the bid document and shall prevail, unless changes or attachments are agreed to and initialed by the City prior to the bid opening.

Introduction in Use of Goods: Demonstration

A demonstration may be required of the goods bid upon. The demonstration shall be at no cost to the City. If the bidder cannot make a demonstration within twenty days of the request, his or her bid may be rejected. Performance of the equipment at the demonstration must be made with the exact equipment offered in the bid and may be completed at the same time as competitive demonstrations.

Trade-ins

Goods listed for trade-in, if any, may be examined after contacting the Purchasing Department. Goods listed for trade-in are represented "as is" and "where is". Such goods will be released to the successful bidder after receipt of the new equipment and in the same condition as when examined, excepting normal wear and tear.

The City reserves the right to retain goods listed as trade-in if it is deemed to be in the best interest to do so.

Training/Safety

When requested or required, a factory-trained representative shall be present at the time of delivery to train City personnel in the use of and/or safety aspect of the equipment or chemical. The factory representative shall effectively train the City personnel in all aspects, including assembly, disassembly, operating procedures, safety and any other training necessary for its safe and effective use. Items received without sufficient training when requested will be set aside and payment withheld until sufficient training can be completed.

Training shall include OSHA related training in the handling of hazardous materials.

MSDS sheets must be sent with each order. Failure to provide MSDS sheets prior to or at the time of delivery will result in withholding payment until such sheets are received.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Service

All vehicles furnished under a bid shall receive without additional cost whatsoever the usual check-up, guarantees and adjustment identical to that which is normally furnished on vehicles sold to the general public.

Manuals

One parts, one service, and one operators manual shall be furnished with each type vehicle delivered if applicable to this bid.

Bankruptcy

Successful bidders shall execute a contract that contains the following language:

If any bankruptcy or insolvency proceedings are commenced against the contractor
And are not dismissed within thirty (30) days after service of such proceeding on the Contractor, or if the contractor shall file petition in bankruptcy or for reorganization or To effect a plan or other arrangement with creditors, or be adjudicated bankrupt or make an assignment for the benefit of creditors, or be dissolved or liquidated, or shall
Admit in writing its inability to pay its debts generally as they become due, or a receiver, trustee or liquidator of the contractor or of all or substantially all of the property of the contractor is appointed in any proceeding brought by the contractor, or if any such receiver, trustee, or liquidator is appointed in any proceeding against the contractor, and any such receiver, trustee or liquidator is not discharged within (30) days after service of such appointment on the contractor, this agreement shall be null and void.

W-9 Form

Prior to the first payment by the City under any contract awarded to the successful bidder, the successful bidder shall submit a complete and accurate W-9 form to the Purchasing Manager.

Dissolution of Corporate Status

Successful bidders shall execute a contract that contains the following language:

Failure to register the agent of the corporation or other business entity, if any, with the N.C. Secretary of State or voluntary, judicial or administrative dissolution of the corporation or other business entity shall automatically terminate this contract or agreement unless the bidder or contractor notifies the City of Concord in writing within 72 hours of the dissolution or failure to register the agent and makes satisfactory arrangements and/or guarantees with the City Purchasing Officer and City Attorney to fulfill the contractors obligations under the contract or agreement.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Concord NC Licenses and Taxes

ALL BIDDERS SHOULD BE IN COMPLIANCE WITH THE CITY OF CONCORD PRIVILEGE LICENSE TAX ORDINANCE AND AWARD OF BID WILL BE CONTINGENT UPON RECEIPT OF COPY OF LICENSE.

It is the intent of the City of Concord to issue purchase orders for the Bid items to cover the Fiscal Year July 1, 2011 to June 30, 2012. Quantities are estimates only and the City reserves the right to purchase more or less for the entire fiscal year and extend pricing if mutually agreed upon with the vendor and the City of Concord.

SPECIFICATIONS

For a

AERIAL DEVICE

Offering up to

43 FOOT WORKING HEIGHT

18,000 GVW 4X4 DIESEL

2012 Ford F-550 4x4 S/C CC:

Extend Cab
162: Wheelbase 60" Cab To Axle
18000 GVW
Front Axle
Rear Axle With 4.10 Ratio
6.7L V-8 Turbo Diesel Engine
Auto Transmission
Power Take-Off Provision
Power Steering
Power Hydro-Boost Brakes With Four Wheel Anti-Lock
Auxiliary springs
157 AMP. Alternator
Dual 78 AMP. – HR Batteries (1500 CCA)
Six (6) LT225/70R X 19.5 BSW Radial Tires, Mud & Snow Tread Rear
Front Stabilizer Bar
Tinted Glass
Inside Day/Night Rearview Mirror
Mirrors LH & RH, Trailer Towing, Fold Away
Medium Graphite Vinyl Bench Seat
40 Gallon Fuel Tank With Fuel Tap
Ammeter And Oil Pressure Gauges
Engine Hour Meter
Locking Differential
Cigar Lighter
Electronic AM/FM Stereo Radio With Clock
Interval Windshield Wipers
Painted (Z1) Oxford White Clear coat
Air Conditioned
110 Volt 1000 Watt Block Heater.

BUCKET TRUCK SPECIFICATION

The bidder shall indicate an appropriate response in **every space** in the respondent's section. This may be a "YES", indication **complete** compliance with the specification, or a **detailed** description of any and all deviations.

COMPLY	
<u>YES</u>	<u>NO</u>

1. SCOPE

This specification covers the procurement of the installation, testing and certification of a line truck mounted platform, subframe, aerial device and other equipment mounted on a truck cab and chassis furnished by

_____	_____
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2. GENERAL

Trucks completed to these specifications, unless specifically stated otherwise herein, shall conform to the Transportation General Vehicle and Equipment Specification

The completed unit must be certified by the subsequent stage manufacturer to meet all applicable State of North Carolina and Federal requirements.

3. ARTICULATING/TELESCOPING AERIAL DEVICE

3.1 Mounting Location:

The hydraulic rotating, articulating/telescoping aerial device, shall be mounted behind the cab.

_____	_____
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3.2 Platform:

One (1) one-person, end mounted, fiberglass platform 24" x 24" x 42" deep with outside access step with slip resistant surface, and one (1) safety harness with lanyard shall be provided. Platform shall be capable of a total rated capacity of 400 lb. and shall have a hydraulic rotator that allows 180° of rotation, with hydraulic platform leveling/tilt at platform controls

_____	_____
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3.3 Horizontal Reach:

Minimum horizontal reach shall be 29.6 ft from the centerline of rotation to outside of aerial device platform with the lower boom at 93° and the main boom second section fully extended.

3.4 Bottom of Platform Height:

Minimum bottom of platform height shall be 38.0 ft from ground to bottom of platform with aerial device booms articulated and extended to achieve maximum height.

3.5 Working Height:

Minimum working height shall be 43.0 ft. from ground to working reach of operator with aerial device booms articulated and extended to achieve maximum height.

3.6 Cylinders:

Lower boom cylinder is a single threaded end gland design, double acting hydraulic lift cylinder equipped with integral hold valve. Upper boom cylinder is a single double acting hydraulic lift cylinder equipped with integral holding valve. Extension cylinder is a single double acting hydraulic lift cylinder equipped with integral hold valves.

3.7 Aerial device pedestal and Turntable:

Pedestal is of welded high-strength steel construction and designed with access holes for maintenance of hydraulic plumbing. The pedestal top plate and turntable base plate are machined from a single piece of thick plate.

3.8 Rotation Bearing:

A long life heavy duty “shear-ball” rotation bearing turntable designed for use on aerial devices shall be provided

3.9 Continuous and Unrestricted Rotation:

Continuous and unrestricted rotation in either direction shall be accomplished by a self locking worm gear rotation drive equipped with bi-directional motor. Oil through rotation shall be provided via a 3 port hydraulic collector block. A two channel electric collector ring shall also be provided.

3.10 Aerial Device Booms:

3.10.1 Aerial device lower boom shall be constructed of high strength steel with a rectangular high strength fiberglass insert providing an insulation gap of 16 in.. The lower boom travel shall be from 0° to 87° using one (1) double acting hydraulic cylinder equipped with an integral holding valve on the extend end.

3.10.2 Aerial device main boom shall be constructed of high strength steel with a rectangular fiberglass boom insert and a rectangular high strength filament wound fiberglass boom. The upper boom shall have a minimum insulation gap of 6 inches fully retracted and 50 inches fully extended. The upper boom travel shall be -40° to 75° using one (1) double acting hydraulic cylinder equipped with an integral holding valve on the extend end (platform to reach the ground).

3.11 Platform Controls:

3.11.1 Control – Plus (4 – function) Controller is provided. Single stick control shall activate upper boom lift, lower boom lift, rotation, and upper boom extension.

3.11.2 Engine Throttle Advance. Two speed engine throttle control shall be provided at platform for hydraulic tool operation of 5 GPM.

3.11.3 Engine Stop/Start. Engine Stop/Start shall be provided at bucket.

3.11.4 Auxiliary Tool Power. Shall be provided and located at the boom up, including quick couplers and detent valve with a pressure release feature to release pressure from tool hoses.(specify type of coupler). Brunning FF Couplers.

3.12 Lower Controls:

Individual control levers shall be provided and located in an accessible location on the turntable. The lower controls shall activate lower boom, upper boom, upper boom extension, and rotation. Lower controls shall be capable of fully overriding the platform controls. Bucket tilt on lower controls.

3.13 Fiberglass Personnel Platform Accessories:

3.13.1 A platform and control cover shall be provided and shall be waterproof with a quick releasing on/off method of fastening the cover over the platforms and controls.

3.13.2 Polyethylene platform liner shall be provided with a 50 KV AC rating and designed to be inserted inside of the fiberglass personnel platform.

3.14 Hydraulic System:

The hydraulic system shall be full pressure, open center hydraulic system. A 20 gallon hydraulic oil reservoir shall be provided and located inside the pedestal and shall include a 100 mesh suction strainer and a 10 micron return line filter. Sight gages shall be furnished to check fluid level. Recommended hydraulic pump to provide 5 GPM at engine idle speed.

3.15 Power Take Off:

A 6-bolt power take off (PTO), full pressure oiled, with Flange mounted to drive specified hydraulic pump, to be electric/air shift with warning light, mounted on dash.

3.16 Hydraulic Oils and Lubricants:

Hydraulic oils and lubricants shall be provided and identified as required.

3.17 Boom Rest:

A padded boom rest assembly with tie down shall be Provided for support of the aerial device upper boom while unit is in its stored position. Upper boom rest to be mount to tower pedestal and shall be removable.

4. Line Body

4.1 An aluminum line body shall be furnished to store tools and supplies. Its dimensions shall be 94 in. wide x 108 in. long x 40 in. high X 18 in. deep. Body floor shall be constructed of .188 aluminum treadplate with 6 inch aluminum channel full frame. The aluminum body shall be constructed with the following body materials (thickness values of aluminum shall be considered a minimum):

.090 Aluminum. - Main body material

.125 Aluminum - Compartment tops

.063 Aluminum - Inner door panels

.063 Aluminum - Outer door panels

- 5/16" Aluminum continuous rod - Door Hinge Rod.

- Stainless Steel - Door Hinge Sockets.

.125 Aluminum - Wheel Panels

.125 Aluminum - Front bulkhead

18 gauge galvanized - Shelving installed on Uni-Strut for infinite adjustment.

.125 Aluminum Tread-Brite - Full height rock guards.

4.2 Compartmentation:

4.2.1 Streetside:

- A. Front . 30" vertical with two adjustable shelves with 6 Adjustable Dividers. _____
- B. 54" horizontal with Bolt tray mounted center of compartment with 6 adjustable dividers and tray in bottom with 6 adjustable dividers. _____
- C. Rear. 24" vertical with five fixed material hooks. _____

4.2.2 Curbside:

- D. Front 30" vertical with five fixed material hooks. _____
- E. 54" horizontal with Bolt tray mounted center of compartment with 6 adjustable dividers and tray in bottom with 6 adjustable dividers. _____
- F. Rear 24" vertical with two adjustable shelves with 6 adjustable dividers. _____

4.2.3 Full length thru shelf streetside with rear drop down door. _____

4.2.4 Automotive bulb type weatherstripping. _____

- 4.5 All doors shall have double panels, safety catches, chain supports and water guards. _____
- 4.6 Stainless steel rotary latches shall be provided on all doors each using a common key. A minimum of three (3) keys shall be provided with each unit. _____
- 4.7 The body shall be primed with epoxy prime paint to accept all final coatings. _____
- 4.8 An aluminum tailshelf extension shall be provided. The top shall be constructed of .188 aluminum treadplate with the following dimensions: 94" wide x 30" x 6" high. The tailshelf shall have a thru box running across the body with drop down doors one on each side. _____
- 4.9 Rear cable step shall be provided and located at the rear of the platform extension. One each side 12" down. _____
- 4.10 Two pool-type grab handles shall be provided for rear access of platform extension. _____
- 4.11 Provide 1 pair dock bumper at rear. _____

- 4.12 Provide (2) two wheel chock holders on curbside only. _____
- 4.13 Body compartment tops shall be covered with 4-way deck Safety plate. _____
- 4.14 Lighting and reflective package including reflectors, marker lights, 3-lamp identification cluster, and back-up lights shall be provided and shall meet FMVSS #108. Side markers shall be Dietz 2-94 series or dimensionally interchangeable. All reflectors shall be Dietz 8-86 series or dimensionally interchangeable. _____
- 4.15 Trailer package; with Berg 7 way trailer plug.(LARGE) _____
- 4.15.1 T-60 Holland pintle hook with a capacity of 5 tons And pintle hook reinforcement shall be provided. Provide Back up Alarming. _____
- 4.15.2 Safety chain "D" rings (pair) shall be provided. _____
- 4.16 The unit shall be painted one color complete, body and aerial Device white to match cab. _____

5. **RELATED ACCESSORIES**

- 5.1 One set of A frame outriggers to be mounted between cab and bed with warning alarm and two-speed control. Controls for outriggers mounted at rear. Mount controls on side of tailshelf, one controller on each side. _____
- 5.2 Top mounted removable 1000 lbs jib and winch with platform rotation. Jib shall level with platform and rotate with platform. The hydraulic articulation shall be from 0 to 90 degrees. The jib shall have a 54" load radius from the platform shaft. Provide 70' of ½" winch rope with hook. Please provide jib storage socket to store jib when removed. _____
- 5.3 Complete unit testing shall be provided per ANSI functional specifications, including stability, axle load, and final certification. The aerial device shall be insulated and rated for 46 KV working line voltage per Category C of ANSI A-92.2.(1990). _____
- 5.4 Recommended Warning Decals, shall be furnished and installed on unit. _____
- 5.5 Grounding Cable and Clamp: Grounding Cable and clamp _____

	shall be provided and include 50' 1/0 – 600 volt copper cable with ferrule and ground clamp on one end. Capable of 25,000 AMP surge current, mounted curbside rear compartment at back.	_____	_____
5.6	Provide 6" PVC hotstick can with end caps, mounted Top of tool boxes, streetside.	_____	_____
5.7	Provide (2) aluminum two 48" tool boxes, mounted streetside. on top of body.	_____	_____
5.8	Provide two aluminum 48" x 12" x 18" tool boxes mounted On curbside and latter rack to be mounted on top.	_____	_____
5.9	Provide safety cone holder, mounted on front wrench, Fold down type.	_____	_____
5.10	Provide (1) #10 fire extinguisher with bracket mounted top of streetside body at rear.	_____	_____
5.11	Provide (1) triangle reflector kit.	_____	_____
5.12	Provide wired-rite for chassis.	_____	_____
5.13	Provide (1) pair rubber wheel chocks.	_____	_____
5.14	Provide (2) cab post mounted spotlights (1) each side	_____	_____
5.15	Provide (2) belts 6" spot lights mounted on square Post (1) each side of body at front of bed.	_____	_____
5.16	Provide (1) amber strobe light mounted on square Post at front of body streetside.	_____	_____
5.17	Provide 5 gallon Gott Water Cask with bracket mount at prepaint.	_____	_____
5.18	Provide a 12,000 lb Warn hydraulic front winch with 100' of 7/16 wire rope with hook and 4 way roller guide. Paint winch and front bumper black.	_____	_____
5.19	Paint floor of body with "black" non-skid.	_____	_____
5.20	Provide ladder rack mounted curbside to be 20" wide, 12" high at rear of 18" high at front with roller at rear and wire mesh screen at front.	_____	_____

- | | | | |
|------|---|-------|-------|
| 5.21 | 3 swivel material J hooks on inside of bed street and curbside to be mount on back of tool boxes evenly spaced. | _____ | _____ |
| 5.22 | Provide a 2 x 6 tail board at rear of bed. | _____ | _____ |
| 5.23 | Provide hide away strobes, amber in front bumper and clear in rear tail shelf. | _____ | _____ |
| 5.24 | Provide Compartment lights installed in each compartment. Wiring installed in loom with a switch in the cab. Switch to be energized only when chassis lights are on. | _____ | _____ |
| 5.25 | NOTE: Must provide a service and parts center within 50 miles of the City of Concord. | _____ | _____ |
| 5.26 | 1" flat bar lip around tailshelf with openings for drainage. | _____ | _____ |
| 5.27 | Provide Transportation, Lodging and Meals for one Person for pre-paint inspection. | _____ | _____ |
| 5.28 | Tortion Bar Stabilizer mounted on rear of truck. | _____ | _____ |
| 5.29 | L channel drill for four 3/4" holes to be mounted at Prepaint. | _____ | _____ |
| 5.30 | Hydraulic tool circuit should be constructed so that it includes port reliefs to limit pressure to 2250 psi. Standard operation of tools with unit on low speed. Flow available for tools 6-8 GPM. Does not include couplers. Tool return back pressure is < 200 psi. | _____ | _____ |

REQUIREMENTS:

Supplier to furnish copies of each of the following:

- | | |
|---------------------------------------|-------|
| 1. Final specification records | _____ |
| 2. Title of origin | _____ |
| 3. One (1) Service manual | _____ |
| 4. One (1) Parts manual | _____ |
| 5. One (1) Operator's manual | _____ |
| 6. Final front and rear axle weights. | _____ |

NOTE:

To the successful bidder, no payment will be authorized until completed unit with all paper work in order to tag unit is delivered to the City of Concord Alfred M Brown Operation Center 850 Warren C. Coleman Boulevard Concord, North Carolina